

**AGENDA**



**Recommendation for Council Action**

Austin City Council	Item ID	15868	Agenda Number	4.
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Meeting Date:	6/7/2012	Department:	Austin Energy
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**Subject**

Approve the issuance of Letters of Intent for rebates to LENNAR HOMES for the installation of solar energy systems designed to serve 10 new construction residential homes in the Bradshaw Crossing and Colorado Crossing developments for a total amount of \$83,481.30.

**Amount and Source of Funding**

Funding is available in the Fiscal Year 2011-2011 Operating Budget of Austin Energy, Conservation Rebates and Incentives Fund.

**Fiscal Note**

There is no unanticipated fiscal impact. A fiscal note is not required.

Purchasing Language:	
Prior Council Action:	
For More Information:	Leslie Libby, Solar Program Manager, 482-5390; Fred Yebra, Director of Energy Efficiency Services, 482-5305.
Boards and Commission Action:	Recommended by the Resource Management Commission and the Electric Utility Commission.
MBE / WBE:	
Related Items:	

**Additional Backup Information**

Austin Energy requests authorization to issue letters of intent to LENNAR HOMES totaling \$83,481.30 for the installation of solar photovoltaic (PV) systems on 10 new construction homes in the Bradshaw Crossing (78747) and Colorado Crossing (78744) housing developments. The total cost is estimated to be \$210,000 and the rebate will cover approximately 40% of the cost. The rebate level for this project is \$2,500 per kW. The solar equipment, which meets Austin Energy program requirements, includes a total of 190 solar modules rated at 185 watts and associated inverters rated at 95% efficiency. A total of 27.1 kW in demand savings is expected.

This energy improvement will save an estimated 44,664 kWh per year—enough to provide electricity to four average Austin homes for a year—and produce an estimated 45 Renewable Energy Credits (RECs) per year. These savings are equivalent to the planting of 689 trees or 34 acres of forest in Austin's parks or the removal of 60,215 vehicle miles or five cars from Austin roadways. This project will save 27 tons of Carbon Dioxide (CO<sub>2</sub>); 37 pounds of Sulfur Dioxide (SO<sub>2</sub>); 41 pounds of Nitrogen Oxide (NO<sub>x</sub>), and 29 pounds of Carbon Monoxide (CO) from being emitted into the atmosphere.